Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 28 Dec 2023 until 23:59 on Friday 29 Dec 2023

Forecast Issued on Wednesday 27 Dec 2023 at 14:33

Confidence: High confidence for unsettled, windy and showery conditions throughout the forecast period with some accumulating snow on higher fell tops and some drifting with high winds. Lower confidence about freezing level and likelihood of snow or sleet showers.

Headline for Thursday 28 Dec 2023: Squally showers, wintery at first and later, gales throughout.

Mountain weather hazards on Thursday 28 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Sleet showers (night)	Sleet showers (night)	Sleet showers	Light rain showers	Light rain showers	Heavy rain showers (night)	Sleet showers (night)
Precipitation probability							
40%	40%	40%	40%	40%	40%	40%	30%

Forecast for Thursday 28 Dec 2023

Weather: Widespread gales and squally showers throughout the day, showers wintery on the summits at first but turning to rain at all levels. A few brighter or sunny spells during the day. Showers turning wintery on the summits during the evening again. A significant wind chill during the day with gales and showers.

Chance of cloud-free hill tops above 800m: 60%, cloud shrouding the summits in heavier showers.

Low cloud and visibility: Scattered or patchy low cloud forming above 600m in heavier showers, especially around the western fells, higher cloud bases and better visibility will generally be found around the eastern fells. Visibility turning moderate or poor in showers especially in wintery showers in the morning or evening. Out with showers visibility will be good for a time.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 28 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	52/64 SW	39/49 SW	40/50 SW	45/57 SW	47/61 SW	44/57 SW	44/58 SW	47/62 SW	49/65 SW
600	40/54 SW	34/46 SW	32/43 SW	37/51 SW	39/54 SW	36/50 SW	37/53 SW	40/56 SW	41/59 SW
300	15/43 SW	14/36 SW	13/35 SW	15/39 SW	16/43 SW	15/41 SW	17/42 SW	18/45 SW	19/48 SW
Valley	16/41 SW	14/32 SW	14/34 SW	17/40 SW	18/42 SW	17/39 SW	18/40 SW	21/45 SW	23/47 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-10	0/-9	1/-8	1/-7	1/-8	1/-8	0/-8	0/-9	0/-10
600	2/-6	2/-6	3/-4	3/-4	4/-4	3/-4	3/-5	2/-6	2/-6
300	4/-0	4/0	6/2	6/2	6/2	6/2	5/1	5/0	5/-0
Valley	6/2	7/3	8/5	8/4	8/5	8/4	8/4	8/3	8/3
Freezing Level*	900m	900m	1000m	1100m	1100m	1000m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind chill on the fells especially in the morning and evening when freezing level will fall towards the summits. Stronger gusts around showers as they move through the area with conditions turning quite unpleasant in heavier showers for a time.

Forecast for Friday 29 Dec 2023

Weather: A cold, blustery and showery day with wintery showers above 700m, snow likely to accumulate on higher fell tops with some drifting likely. A few brighter spells too. Significant wind chill expected throughout the day.

Maximum wind: West 35-40mph with gusts 50-55mph.

Chance of cloud-free hill tops above 800m: 40%, cloud covering the summits at times in heavier showers.

Low cloud and visibility: Scattered or broken layers of cloud shrouding the summits in heavier showers, bases above 5-600m most of the day, visibility turning poor in sleet showers and very poor at times in snow showers, perhaps whiteout or blizzard conditions at times.

Temperature: **Valleys:** Plus 3 rising to 6 Celsius.
At 800m: Minus 1 Celsius.
Freezing level: Around 700m

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 27 December. Location: Grisedale Pike at 11:00 Full Report: The arrival of Storm Gerrit brought gale force winds, heavy rain and poor visibility to the Lake District fells even at moderate altitudes. A wind speed of nearly 100mph was recorded at around 800m on Grisedale Pike easily enough to violently blow a walker over with a high risk of injury. Any of the forecast snow that fell overnight has quickly thawed and there is currently no snow & ice or winter hazards on the fells. However there is a lot of flooding across the National Park and many stream or river crossings may be impassable. Fell conditions are forecast to remain extremely challenging for at least the next couple of days. If you are heading out for an adventure please be conservative with your plans, let someone know where you are going and go properly equipped with plenty of warm and waterproof clothing, hats & gloves, goggles, appropriate methods of navigation, food & fluid and a headtorch. Temperature: Plus 6.9 C, Maximum wind speed 97.9 mph, Wind chill: minus 0.7C, Average wind speed: 47.3 mph

Issued at: 1617 on Wed 27 Dec 2023

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.